



3rd Grainger Astronomy Conference

June 23 – 28, 2013

Participant Application

The *Grainger Astronomy Conference* is a weeklong meeting of secondary school astronomy educators of all levels. The goal is to gather 14 teachers from around the United States to:

- Share their experiences as astronomy educators,
- Generate long-term collaborations between astronomy programs at various schools,
- Learn about changes to the science of astronomy and to astronomy education,
- Revitalize and refresh astronomy educators.

Applicants will be chosen such that individuals from a diverse astronomy education background are involved. This will allow us to share our knowledge and spread our experiences. Topics for this year's conference include:

- Tips and tricks for successful astronomy education.
- Goals of astronomy courses: Syllabus construction to accommodate the rapid developments in the science.
- Meeting the needs of the students and the course: Prerequisites.
- Textbooks and software: available resources for the educator.
- Observing Components.
- Computer use in the field.
- Merging observational astronomy into classroom discussion.
- Equipment Selection: Cost versus performance analysis.
- Equipment use: From binoculars to CCD imagers.
- External Resources: User groups, associations, planetariums, other schools, etc.
- Course-long projects in observational astronomy.

Food and lodging are provided by the Academy. Limited travel funds are available.

For more information, please contact John Blackwell, Director Grainger Observatory
Office: (603)777-3545 email: jblackwell@exeter.edu

Grainger Astronomy Conference Application

Instructions: Please fill out the information below and return via email to jblackwell@exeter.edu before **February 1, 2013**. Applicants will be notified of their status by **March 1, 2013**.

SECTION 1: PERSONAL INFORMATION

First Name	
Last Name	
Gender	<i>(We ask this in order to assign dorm rooms accordingly)</i>
Home Address	
City, State, Zip	
School Name	
School Address	
School City, State, Zip	
Cell Phone	
Home Phone	
Primary Email Address	

SECTION 2: TEACHING EXPERIENCE

How many years have you been teaching?	
How many years have you been teaching astronomy?	
Please describe the current astronomy course(s) you are teaching and the number of sections.	
Please describe any astronomical instrumentation that you use with your students	
Why are you interested in attending this conference?	

SECTION 3: TRAVEL AND HOUSING

Housing Request	<input type="checkbox"/> I will request a campus dorm room at no cost. <input type="checkbox"/> I will be commuting to the conference. <input type="checkbox"/> I will be staying off campus at my own expense.
Will you be seeking financial assistance for travel?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	If yes, please state reason: